The COVID-2020 workshop focuses on all aspects of modeling, simulating, mining, and understanding the spatial processes and patterns of the spread of COVID-19 and other infectious diseases. This cross-disciplinary workshop is a forum to bring together researchers in the SIGSPATIAL community as well as researchers in epidemiology. Also, this workshop is of interest to everyone who works with infectious disease data and models (not necessarily COVID-19). In addition to paper presentations, this workshop will feature invited speakers' keynotes from experts across the SIGSPATIAL community and epidemiology.

The workshop seeks high-quality full (8-10 pages) and short (4 pages) papers that have not been published in other academic outlets and are not concurrently under peer review. Once accepted, at least one author is required to register for the workshop and the ACM SIGSPATIAL conference, as well as attend the workshop to present the accepted work which will then appear in the ACM Digital Library.

Example topics include, but not limited to:

- Contact Tracing
- COVID-19 Data Cleaning and Wrangling
- COVID-19 Data Mining
- COVID-19 Data Query Processing
- COVID-19 Effects on Human Mobility
- COVID-19 Hotspot Detection
- COVID-19 Simulation and Modeling
- COVID-19 and Social Media
- COVID-19 Tracking and Data Collection
- Disease Spread Simulation
- Managing Uncertainty in COVID-19 Data
- Mapping and Visual Analytics of COVID-19
- Prescriptive Analytics for COVID-19
- Socioeconomic Impact of COVID-19
- Spatial Analysis of COVID-19
- Spatially Explicit COVID-19 Prediction Models

**Organization committee**

**General Chairs**
Andreas Züfle

**Program Chairs**
Taylor Anderson
Jia Yu

**Program committee**

* Michael Desjardin
* Zipei Fan
* Song Gao
* Alexander Hohl
* More TBA!

**Workshop information**

**Submission deadline**
September 25, 2020

**Author Notification**
October 9, 2020

**Workshop date**
November 03, 2020

**Workshop website**
https://jiayuasu.github.io/covid19-workshop/

**Submission site**
https://easychair.org/conferences/?conf=covid2020

The COVID2020 Workshop will be held in conjunction with the ACM SIGSPATIAL 2020 conference. Visit https://jiayuasu.github.io/covid19-workshop/ to get more information about the conference.